

# CONSOLIDATED CHECKLIST C7

Standards for the Management of Specific Hazardous Wastes and  
Specific Types of Hazardous Waste Management Facilities  
40 CFR Part 266 as of June 30, 1995  
as published in the July 1, 1995 CFR

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE

## SUBPART A - [RESERVED]

## SUBPART B - [RESERVED]

## SUBPART C - RECYCLABLE MATERIALS USED IN A MANNER CONSTITUTING DISPOSAL

### APPLICABILITY

applied to or placed on the land:	13	266.20(a)					
without mixing	13	266.20(a)(1)					
after mixing or in combination	13,37	266.20(a)(2)					
subparagraph removed	13,37	266.20(a)(3)					
† products for general public's use; must have undergone chemical reaction so they are inseparable and must meet treatment standards of 268, Subpart D; exemption for certain commercial fertilizers containing recyclable materials; zinc- containing fertilizer exemption	13,50,66	266.20(b)					
uses of slags from HTMR processing of hazardous wastes K061, K062 and F006 not covered by 266.20(b)	136	266.20(c)					

### STANDARDS APPLICABLE TO GENERATORS AND TRANSPORTERS OF MATERIALS USED IN A MANNER THAT CONSTITUTES DISPOSAL

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generator and transporter requirements	13	266.21					

STANDARDS APPLICABLE TO STORERS OF MATERIALS THAT ARE TO BE USED IN A  
MANNER THAT CONSTITUTES DISPOSAL WHO ARE NOT THE ULTIMATE USERS

requirements for storers of material	13	266.22					
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STANDARDS APPLICABLE TO USERS OF MATERIALS THAT ARE USED IN A MANNER THAT  
CONSTITUTES DISPOSAL

requirements for users of material	13,17 G, 137	266.23(a)					
use of dioxin- contaminated material is prohibited	17 G	266.23(b)					

1 SUBPART D - [RESERVED]

Subpart D removed and reserved	13,19,85	266.30-266.35					
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CONDITIONAL EXEMPTION FOR SPENT MATERIALS AND BY-PRODUCTS EXHIBITING A  
CHARACTERISTIC OF HAZARDOUS WASTE

section removed	†13,19	266.36					
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SUBPART E - USED OIL BURNED FOR ENERGY RECOVERY

APPLICABILITY

2 Subpart E removed and reserved	19,94, 96,112	266.40-266.44					
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SUBPART F - RECYCLABLE MATERIALS UTILIZED FOR PRECIOUS METAL RECOVERY

APPLICABILITY AND REQUIREMENTS

reclamation of recyclable materials to recover precious metals	13	266.70(a)					
		266.70(b)					
requirements for generators, transporters or storers	13	266.70(b)(1)					

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		266.70(b)(2)					
recordkeeping requirements for storers	13	266.70(c)					
		266.70(c)(1)					
		266.70(c)(2)					
		266.70(c)(3)					
applicable provisions for materials accumulated speculatively	13	266.70(d)					

SUBPART G - SPENT LEAD-ACID BATTERIES BEING RECLAIMED

APPLICABILITY AND REQUIREMENTS

3,4	persons who reclaim batteries	13,142 B	266.80(a)				
	requirements for storage before reclamation	13,142 B	266.80(b)				
			266.80(b)(1)				
			266.80(b)(2)				
			266.80(b)(3)				
		13	266.80(b)(4)				

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SUBPART H - HAZARDOUS WASTE BURNED IN BOILERS AND INDUSTRIAL FURNACES							
APPLICABILITY							
regulations apply to hazardous waste burned or processed in a boiler or industrial furnace, irrespective of purpose, except as 266.100(b),(c),(d) and (f) provide; definition of "burn"; 266.104-266.107 emissions standards apply to interim status or permitted facilities	85,96, †98, †105, 111	266.100(a)					
hazardous wastes and facilities not subject to regulation under Subpart H:	85	266.100(b)					
used oil burned for energy recovery that is hazardous solely because it exhibits a characteristic; regulated under Part 279	85,112	266.100(b)(1)					
gas recovered from landfills and burned for energy recovery	85,94	266.100(b)(2)					
exempt hazardous wastes under 261.4 and 261.6(a)(3)(iv)-(vi); CESQG hazardous wastes under 261.5	85,94, 135	266.100(b)(3)					
coke ovens burning only K087	85	266.100(b)(4)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owners and operators of smelting, melting and refining furnaces processing hazardous waste solely for metal recovery conditionally exempt, except for 266.101 and 266.112	85	266.100(c)					
requirements for exemption from 266.102 through 266.111 for owner or operator of metal recovery furnaces or mercury recovery furnaces; owner or operator of a lead or a nickel-chromium recovery furnace, or certain metal recovery furnaces subject to 266.100(c) (3) requirements	85,96, 137	266.100(c)(1)					
one-time written notice indicating:	85	266.100(c)(1)(i)					
owner or operator claims 266.100(c) exemption	85	266.100(c)(1)(i) (A)					
metal recovery as per 266.100(c)(2) provisions	85	266.100(c)(1)(i) (B)					
recoverable levels of metals	85	266.100(c)(1)(i) (C)					
compliance with 266.100(c) sampling and analysis and recordkeeping requirements	85	266.100(c)(1)(i) (D)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
sample and analyze hazardous waste and other feedstocks as necessary using specified procedures or alternative methods that meet or exceed SW-846 method performance capabilities; situation where "best available method" is used	85,96	266.100(c)(1)(ii)					
maintain specified records at facility for at least three years	85	266.100(c)(1)(iii)					
criteria under which a hazardous waste is not processed solely for metal recovery	85	266.100(c)(2)					
total concentration of 261, Appendix VIII organic compounds exceeds 500 ppm by weight and are considered burned for destruction; reduction of organic compound concentration to the 500 ppm limit by bona fide treatment; blending for dilution to meet the 500 ppm limit is prohibited; retention of documentation in records required by 266.100(c)(1)(iii)	85,96	266.100(c)(2)(i)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
heating value of 5,000 Btu/lb or more and considered burned as fuel; reduction of the heating value to below 5,000 Btu/lb by bona fide treatment; blending for dilution to meet the 5,000 Btu/lb limit is prohibited; retention of documentation in records required by 266.100(c)(1)(iii)	85,96	266.100(c)(2)(ii)					
requirements for exemption from 266.102 through 266.111 for owner or operator of certain metal recovery furnaces; written notice to director; 266.100(c)(1) compliance	96,137	266.100(c)(3)					
exemption from 266.100(c)(1) requirements for hazardous wastes listed in Appendices XI, XII, and XIII, Part 266, and baghouse bags used to capture metallic dusts emitted by steel manufacturing, provided:	96,137	266.100(c)(3)(i)					
waste contains recoverable levels of specified metals	96,137	266.100(c)(3)(i)(A)					

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6 waste does not exhibit the Toxicity Characteristic of 261.24 for an organic constituent	96	266.100(c)(3)(i) (B)					
6 waste is not a hazardous waste listed in Part 261 Subpart D because it is listed for an organic constituent as identified in Appendix VII of Part 261	96	266.100(c)(3)(i) (C)					
6 certification by owner or operator under 266.100(c)(3) regarding hazardous waste; sampling and analysis or other information to assure compliance; sampling and analysis conducted according to 266.100(c)(1)(ii); maintain records to document compliance with (c)(3) for at least three years	96	266.100(c)(3)(i) (D)					
basis for case-by-case decisions regarding toxic organic constituents; metal recovery furnace subject to Subpart H requirements after adequate notice and opportunity for comment; factors Director will consider:	96,137	266.100(c)(3)(ii)					



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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
concentration and toxicity of organic constituents in the material	96	266.100(c)(3)(ii) (A)					
level of destruction of toxic constituents provided by the furnace	96	266.100(c)(3)(ii) (B)					
acceptable ambient levels established in Appendices IV or V exceeded for any toxic organic compound that may be emitted based on certain conditions	96	266.100(c)(3)(ii) (C)					
266.111 direct transfer operation standards apply only to facilities subject to 266.102 or 266.103 standards	85	266.100(d)					
266.112 residue management standards apply to any boiler or industrial furnace burning hazardous waste	85	266.100(e)					
conditional exemption from Subpart H requirements for owners or operators of certain smelting, melting, and refining furnaces, except for 266.112; to be exempt from 266.101 through 266.111, an owner or operator must:	96,111	266.100(f)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
provide a one-time written notice indicating:	96	266.100(f)(1)					
owner or operator claims 266.100(f) exemption	96	266.100(f)(1)(i)					
hazardous waste is burned for legitimate recovery of precious metal	96	266.100(f)(1)(ii)					
compliance with 266.100(f) sampling and analysis and recordkeeping requirements	96	266.100(f)(1)(iii)					
sample and analyze hazardous waste as necessary using specified procedures	96	266.100(f)(2)					
maintain specified records at facility for at least three years	96	266.100(f)(3)					
MANAGEMENT PRIOR TO BURNING							
generators of hazardous waste that is burned in a boiler or industrial furnace subject to Part 262	85	266.101(a)					
transporters of hazardous waste that is burned in a boiler or industrial furnace subject to Part 263	85	266.101(b)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owners and operators of facilities that store hazardous waste burned in a boiler or industrial furnace subject to the applicable provisions of parts 264, 265, and 270, except as provided by 266.101(c)(2); standards applicable to storage by burners and intermediary facilities	85,111	266.101(c)(1)					
generators of hazardous waste who burn on-site in boilers or industrial furnaces exempt from regulation under 266.108 small quantity burner provisions are exempt from the regulations of parts 264, 265, and 270 applicable to storage units for those storage units that store mixtures of hazardous waste and the primary fuel in tanks that feed mixture directly to burner; hazardous waste storage prior to mixing subject to 266.101(c)(1) regulation	85,111	266.101(c)(2)					

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PERMIT STANDARDS FOR BURNERS							
owners and operators not operating under interim status and not exempt under 266.108 small quantity burner exemption are subject to 266.102, 270.22 and 270.66 requirements	85	266.102(a)(1)					
applicable 264 provisions	85	266.102(a)(2)					
		266.102(a)(2)(i)					
		266.102(a)(2)(ii)					
		266.102(a)(2)(iii)					
		266.102(a)(2)(iv)					
		266.102(a)(2)(v)					
		266.102(a)(2)(vi)					
		266.102(a)(2)(vii)					
		266.102(a)(2)(viii)					
		266.102(a)(2)(ix)					

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analysis to quantify concentration of any 261, Appendix VIII constituent at levels detectable by specified analytical procedures, alternative methods or best available method; identification; explanation of constituents excluded from analysis; analysis provides 266 Subpart H, 270.22 and 270.66 information to prescribe permit conditions; analysis included in Part B permit application or in trial burn plan for interim status facilities; owners/operators of units not operating under interim status include 270.22 or 270.66(c) information in Part B application, to extent possible	85, 94,96	266.102(b)(1)					
sampling and analysis throughout normal operation to ensure permit-specified physical and chemical composition limits are met	85	266.102(b)(2)					
compliance with 266.104 through 266.107 emissions standards	85	266.102(c)					

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burn only hazardous wastes specified in permit under 266.102(e) operating conditions; exception for approved trial burns under 270.66 conditions	85	266.102(d)(1)					
new permit or permit modification necessary to burn hazardous waste not specified in permit; trial burn results or Part B alternative data form basis for new waste operating requirements	85	266.102(d)(2)					
266.103 interim status boilers and industrial furnaces permitted under 270.66(g) procedures	85	266.102(d)(3)					
permit for new boiler or industrial furnace must establish appropriate conditions for each applicable 266.102 requirement in order to comply with specified standards:	85	266.102(d)(4)					

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				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
for period beginning with initial introduction of hazardous waste and ending with initiation of trial burn; such period not to exceed 720 hours; operating requirements in compliance with 266.104-266.107 emissions standards; applicable provisions when seeking waiver from a trial burn; extension for up to 720 additional hours by Director based on good cause demonstration	85	266.102(d)(4)(i)					
during trial burn, operating requirements sufficient for 266.104-266.107 emissions compliance and in accordance with approved trial burn plan	85	266.102(d)(4)(ii)					

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immediately after trial burn, for minimum period needed to allow sample analysis, data computation, submission and review of trial burn results, and permit modification, operating requirements to ensure 266.104-266.107 emissions compliance	85	266.102(d)(4)(iii)					
for duration of permit, operating requirements based on trial burn or 270.22 alternative data, sufficient to ensure 266.104-266.107 emissions compliance	85,94	266.102(d)(4)(iv)					
operating requirements specified in the permit apply at all times where hazardous waste is in unit	85	266.102(e)(1)					



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operating conditions, either case-by-case for each hazardous waste to ensure compliance with 266.104(a) DRE performance standard or special operating requirements provided by 266.104(a)(4) DRE trial burn waiver; when no waiver, each set of operating requirements will specify composition of hazardous waste to which they apply; permit-specified operating limits for each hazardous waste include:	85	266.102(e)(2)(i)					
feed rate of hazardous waste and other fuels as per 266.102(e)(6)	85	266.102(e)(2)(i) (A)					
minimum and maximum device production rate when producing normal product as per 266.102(e)(6)	85	266.102(e)(2)(i) (B)					
appropriate controls of hazardous waste firing system	85	266.102(e)(2)(i) (C)					
allowable variation in boiler and industrial furnace system design or operating procedures	85	266.102(e)(2)(i) (D)					

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minimum combustion gas temperature measured at a location indicative of combustion chamber temperature as per 266.102(e)(6)	85	266.102(e)(2)(i) (E)					
appropriate indicator of combustion gas velocity as per 266.102(e)(6), unless 270.66 documentation	85	266.102(e)(2)(i) (F)					
other operating requirements to ensure 266.104(a) DRE compliance	85	266.102(e)(2)(i) (G)					
permit must incorporate carbon monoxide (CO) limit and, as appropriate, hydrocarbon (HC) limit as per 266.104(b)-(f); permit limits specified:	85	266.102(e)(2)(ii)					
when complying with 266.104(b)(1) CO standard, permit limit is 100 ppmv	85	266.102(e)(2)(ii) (A)					
7 when complying with 266.104(c) alternative CO standard, permit limit based on trial burn, established as specified average, and permit limit for HC is 20 ppmv, except as 266.104(f) provides	85	266.102(e)(2)(ii) (B)					

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7 when complying with 266.104(f) alternative HC limit, permit limit for HC and CO is baseline level when hazardous waste is not burned	85	266.102(e)(2)(ii) (C)					
no hazardous waste as feed during start-up and shut-down, unless device is operating within permit conditions; exception	85	266.102(e)(2)(iii)					
except as provided in 266.102(e)(3)(ii) and (iii), operating requirements the permit will specify to ensure 266.105 particulate standard compliance:	85	266.102(e)(3)(i)					
total ash feed rate from hazardous waste, other fuels, and industrial furnace feedstocks, as per 266.102(e)(6)	85	266.102(e)(3)(i) (A)					
maximum device production rate when producing normal product as per 266.102(e)(6)	85	266.102(e)(3)(i) (B)					
operation and maintenance controls for hazardous waste firing system and air pollution control system	85	266.102(e)(3)(i) (C)					

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allowable variation in system design including air pollution control system or operating procedures	85	266.102(e)(3)(i) (D)					
8 other operating requirements to ensure 266.111(b) particulate standard compliance	85	266.102(e)(3)(i) (E)					
no permit conditions to ensure particulate standard compliance for 266.105(b) exempt facilities	85	266.102(e)(3)(ii)					
for cement kilns and light-weight aggregate kilns, permit conditions shall not limit ash content of hazardous waste or other feed materials	85	266.102(e)(3)(iii)					
operating requirements the permit will specify to conform with 266.106(b) or (e) Tier I or adjusted Tier I metals feed rate screening limits:	85	266.102(e)(4)(i)					
total feed rate of each metal in hazardous waste, other fuels, and industrial furnace feedstocks as per 266.102(e)(6)	85	266.102(e)(4)(i) (A)					
total feed rate of hazardous waste as per 266.102(e)(6)	85	266.102(e)(4)(i) (B)					

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sampling and metals analysis program	85,94	266.102(e)(4)(i) (C)					
operating requirements the permit will specify to conform with 266.106(c) Tier II metals emission rate screening limits and 266.106(d) Tier III metals controls:	85	266.102(e)(4)(ii)					
maximum emission rate for each metal based on average rate during trial burn	85	266.102(e)(4)(ii) (A)					
feed rate of total and pumpable hazardous waste as per 266.102(e)(6)(i)	85	266.102(e)(4)(ii) (B)					
9  feed rate of each metal in specified feedstreams, measured and specified as per 266.102(e)(6)	85	266.102(e)(4)(ii) (C)					
	85,96	266.102(e)(4)(ii) (C)(1)					
		266.102(e)(4)(ii) (C)(2)					
		266.102(e)(4)(ii) (C)(3)					
total feed rate of chlorine and chloride in total feedstreams as per 266.102(e)(6)	85	266.102(e)(4)(ii) (D)					
maximum combustion gas temperature measured at location indicative of combustion chamber temperature as per 266.102(e)(6)	85	266.102(e)(4)(ii) (E)					

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maximum flue gas temperature at inlet to particulate matter air pollution control system as per 266.102(e)(6)	85	266.102(e)(4)(ii) (F)					
maximum device production rate when producing normal product as per 266.102(e)(6)	85	266.102(e)(4)(ii) (G)					
operation and maintenance controls of hazardous waste firing system and any air pollution control system	85	266.102(e)(4)(ii) (H)					
allowable variation in system design including air pollution control system or operating procedures	85	266.102(e)(4)(ii) (I)					
other operating requirements to ensure 266.106(c) or (d) metals standards compliance	85	266.102(e)(4)(ii) (J)					
operating requirements the permit will specify to conform with 266.106(f) alternative implementation approach:	85	266.102(e)(4)(iii)					
maximum emission rate for each metal based on average rate	85	266.102(e)(4)(iii) (A)					

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feed rate of total and pumpable hazardous waste as per 266.102(e)(6)(i)	85	266.102(e)(4)(iii) (B)					
9 feed rate of each metal in specified feedstreams, measured and specified as per 266.102(e)(6)	85	266.102(e)(4)(iii) (C)					
		266.102(e)(4)(iii) (C)(1)					
	85,96	266.102(e)(4)(iii) (C)(2)					
total feed rate of chlorine and chloride in total feedstreams as per 266.102(e)(6)	85	266.102(e)(4)(iii) (D)					
maximum combustion gas temperature measured at location indicative of combustion chamber temperature as per 266.102(e)(6)	85	266.102(e)(4)(iii) (E)					
maximum flue gas temperature at inlet to particulate matter air pollution control system as per 266.102(e)(6)	85	266.102(e)(4)(iii) (F)					
maximum device production rate when producing normal product as per 266.102(e)(6)	85	266.102(e)(4)(iii) (G)					
operation and maintenance controls of hazardous waste firing system and any air pollution control system	85	266.102(e)(4)(iii) (H)					

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allowable variation in system design including air pollution control system or operating procedures	85	266.102(e)(4)(iii) (I)					
other operating requirements to ensure 266.106(c) or (d) metals standards compliance	85	266.102(e)(4)(iii) (J)					
operating requirements the permit will specify to ensure 266.107(b)(1) Tier I total chloride and chlorine feed rate screening limits conformance:	85	266.102(e)(5)(i)					
feed rate of total chloride and chlorine in hazardous waste, other fuels, and industrial furnace feedstocks as per 266.102(e)(6)	85	266.102(e)(5)(i) (A)					
feed rate of total hazardous waste as per 266.102(e)(6)	85	266.102(e)(5)(i) (B)					
sampling and analysis program for total chloride and chlorine	85	266.102(e)(5)(i) (C)					
operating requirements the permit will specify for 266.107(b)(2) Tier II and 266.107(c) Tier III HCl and Cl <sub>2</sub> emission rate screening limits conformance:	85	266.102(e)(5)(ii)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
maximum emission rate for HCl and Cl <sub>2</sub> based on average rate	85	266.102(e)(5)(ii) (A)					
feed rate of total hazardous waste as per 266.102(e)(6)	85	266.102(e)(5)(ii) (B)					
total feed rate of chlorine and chloride in total feedstreams as per 266.102(e)(6)	85	266.102(e)(5)(ii) (C)					
maximum device production rate when producing normal product as per 266.102(e)(6)	85	266.102(e)(5)(ii) (D)					
operation and maintenance controls of hazardous waste firing system and any air pollution control system	85	266.102(e)(5)(ii) (E)					
allowable variation in system design including air pollution control system or operating procedures	85	266.102(e)(5)(ii) (F)					
other operating requirements to ensure 266.107(b)(2) or (c) HCl or Cl <sub>2</sub> standards compliance	85	266.102(e)(5)(ii) (G)					
measuring parameters and establishing limits based on trial burn data	85,94	266.102(e)(6)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
as specified in 266.102(e)(2)-(5), each operating parameter shall be measured and permit limits on the parameter established according to either of the following procedures:	85	266.102(e)(6)(i)					
measured and recorded on instantaneous basis and permit limit based on time-weighted average	85	266.102(e)(6)(i)(A)					
	85	266.102(e)(6)(i)(B)(1)					
		266.102(e)(6)(i)(B)(1)(i)					
hourly rolling average basis as defined	85,94	266.102(e)(6)(i)(B)(1)(ii)					
permit limit based on average over all valid test runs of highest hourly rolling average value per run	85,94	266.102(e)(6)(i)(B)(2)					
feed rate limits for carcinogenic metals and lead established on either an hourly rolling average basis or on (up to) to 24-hour rolling average basis; requirements for 2 to 24 hour average period:	85,94	266.102(e)(6)(ii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
feed rate of each metal limited to ten times the allowable hourly rolling average basis feed rate	85	266.102(e)(6)(ii) (A)					
specifications the continuous monitor shall meet	85	266.102(e)(6)(ii) (B)					
		266.102(e)(6)(ii) (B)(1)					
	85,94	266.102(e)(6)(ii) (B)(2)					
feed rate permit limit based on specified average	85	266.102(e)(6)(ii) (C)					
feed rate limits for metals, total chloride and chlorine, and ash established and monitored based on feedstream concentration and flow rate; flow rate continuously monitored as per 266.102(e)(6)(i) and (ii)	85	266.102(e)(6)(iii)					
if no simultaneous demonstration of 266.104-266.107 compliance during a set of test runs, operating conditions of additional test runs as close as possible to original operating conditions	85	266.102(e)(6)(iv) (A)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
facility to operate under trial burn conditions and reach steady-state operations before obtaining test data to demonstrate 266.104-266.107 emissions standards compliance or establishing operating parameter limits; specific industrial furnaces need not reach steady-state conditions for flow of metals prior to beginning metals emissions compliance testing	85,94	266.102(e)(6)(iv) (B)					
trial burn data obtained during emissions sampling are used to establish operating parameter limits in the permit when parameter must be established as per 266.102(e)	85	266.102(e)(6)(iv) (C)					
requirements for controlling fugitive emissions	85	266.102(e)(7)(i)					
		266.102(e)(7)(i) (A)					
		266.102(e)(7)(i) (B)					
		266.102(e)(7)(i) (C)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
automatic waste feed cutoff required; Director may limit number of cutoffs per operating period; additional requirements include:	85	266.102(e)(7)(ii)					
maintenance of permit limit for minimum combustion chamber temperature while hazardous waste or residues remain in chamber	85	266.102(e)(7)(ii) (A)					
exhaust gases ducted to air pollution control system while hazardous waste or residues remain in chamber	85	266.102(e)(7)(ii) (B)					
continued monitoring of parameters with limits during cutoff and hazardous waste feed not restarted until parameters comply with limits; for parameters monitored on instantaneous basis, conditions for restarting hazardous waste feed	85	266.102(e)(7)(ii) (C)					
cease burning hazardous waste when changes in combustion properties, feed rates, or design or operating conditions deviate from permit limits	85	266.102(e)(7)(iii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owner or operator, while burning hazardous waste, must monitor and record:	85	266.102(e)(8)(i)					
specified feed rates and composition of specified materials	85	266.102(e)(8)(i) (A)					
CO, HC, and oxygen on a continuous basis as specified; monitors installed, operated and maintained as per 266, Appendix IX methods	85	266.102(e)(8)(i) (B)					
sampling and analysis as requested to verify that requirements established in permit achieve 266.104- 266.107 standards	85	266.102(e)(8)(i) (C)					
monitors record data in permit limit units, unless permit allows otherwise	85	266.102(e)(8)(ii)					
daily visual inspection of boiler or industrial furnace and associated equipment when they contain hazardous waste	85	266.102(e)(8)(iii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
test automatic feed cutoff system and associated alarms at least once every 7 days when hazardous waste is burned unless specified conditions are demonstrated; operational testing at least once every 30 days	85	266.102(e)(8)(iv)					
monitoring and inspection data recorded and placed in 264.73 operating record	85	266.102(e)(8)(v)					
compliance with 266.111 if direct transfer of hazardous waste to boiler or industrial furnace without use of storage unit	85	266.102(e)(9)					
all 266.102-required information and data in facility operating record until closure of the facility	85,96	266.102(e)(10)					
remove all hazardous waste and hazardous waste residues at closure	85	266.102(e)(11)					

INTERIM STATUS STANDARDS FOR BURNERS

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
establish minimum national standards for owners and operators of existing boilers and industrial furnaces until permitted under 266.102(d) or closed	85	266.103(a)(1)(i)					
definition of "existing or in existence"; facility has commenced construction if all permits necessary to begin physical construction are obtained and either:	85,94	266.103(a)(1)(ii)					
continuous on-site, physical construction program has begun	85	266.103(a)(1)(ii) (A)					
contractual obligations cannot be cancelled or modified without substantial loss and physical construction is to be completed within reasonable time	85	266.103(a)(1)(ii) (B)					
if boiler or industrial furnace at facility with permit or interim status, then compliance with 270.42 permit modification or 270.72 interim status changes	85	266.103(a)(1)(iii)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
266.103 requirements not applicable to hazardous waste and facilities exempt under 266.100(b) or 266.108	85	266.103(a)(2)					
F020-F023, F026 or F027 hazardous waste listed for dioxin and hazardous waste derived from these wastes may not be burned in interim status boiler or industrial furnace	85,96	266.103(a)(3)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
interim status owners and operators subject to specified 265 provisions:	85	266.103(a)(4)					
		266.103(a)(4)(i)					
		266.103(a)(4)(ii)					
		266.103(a)(4)(iii)					
		266.103(a)(4)(iv)					
		266.103(a)(4)(v)					
		266.103(a)(4)(vi)					
		266.103(a)(4)(vii)					
		266.103(a)(4)(viii)					
controls that apply to interim status industrial furnaces that feed hazardous waste for a purpose other than solely as an ingredient at any location other than the hot end or where fuels are normally fired:	85,96	266.103(a)(5)					
fed at location where temperatures are at least 1800° F	85	266.103(a)(5)(i) (A)					
determination and documentation in facility record of adequate oxygen	85	266.103(a)(5)(i) (B)					
for cement kiln systems, hazardous waste fed into kiln	85	266.103(a)(5)(i) (C)					
applicability of 266.104(c) or 266.103(c)(5) hydrocarbon controls	85,96	266.103(a)(5)(i) (D)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
criteria for burning hazardous waste for a purpose other than solely as an ingredient:	85	266.103(a)(5)(ii)					
total concentration of 261, Appendix VIII nonmetal compounds exceed 500 ppm by weight as fired and considered burned for destruction; reduction of the concentration of nonmetal compounds to the 500 ppm limit by bona fide treatment; blending for dilution to meet the 500 ppm limit prohibited; retention of documentation in facility record	85,96	266.103(a)(5)(ii) (A)					
heating value of 5,000 Btu/lb or more, as fired, and considered burned as fuel; reduction of the heating value of a waste as-generated to below 5,000 Btu/lb limit by bona fide treatment; blending to augment heating value to meet the 5,000 Btu/lb limit prohibited; retention of documentation in facility record	85,96	266.103(a)(5)(ii) (B)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
burning hazardous waste with heating value less than 5,000 Btu/lb prohibited; situation where 5,000 Btu/lb limit can be exceeded; exceptions:	85,96	266.103(a)(6)					
hazardous waste burned solely as an ingredient	96	266.103(a)(6)(i)					
hazardous waste burned for purposes of compliance testing for a total period of time not to exceed 720 hours	96	266.103(a)(6)(ii)					
waste burned if Director has documentation to show that, prior to August 21, 1991:	96	266.103(a)(6)(iii)					
boiler or industrial furnace operating under Part 265, Subpart O or P requirements	96	266.103(a)(6)(iii) (A)					
boiler or industrial furnace met 270.70 interim status eligibility requirements for Part 265, Subpart O or Subpart P	96	266.103(a)(6)(iii) (B)					
hazardous waste with a heating value less than 5,000 Btu/lb burned prior to August 21, 1991	96	266.103(a)(6)(iii) (C)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
such waste burned in halogen acid furnace if waste burned as an excluded ingredient under 261.2(e) prior to February 21, 1991 and documentation kept on file	96	266.103(a)(6)(iv)					
266.111 compliance if hazardous waste directly transferred from transport vehicle to boiler or industrial furnace without storage unit use	85	266.103(a)(7)					
August 21, 1991 submittal date for 266.103(b)(2) information; establish limits for 266.103(b)(3) parameters; certificate of precompliance; burning limited to 266.103(b)(3) conditions until 266.103(b)(8) revised certification of precompliance, or 266.103(c) certification of compliance, or permit is issued	85	266.103(b)(1)					
information to be submitted with certification of precompliance to support determination and compliance with operating parameter limits	85	266.103(b)(2)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
general facility information	85	266.103(b)(2)(i)					
		266.103(b)(2)(i) (A)					
		266.103(b)(2)(i) (B)					
		266.103(b)(2)(i) (C)					
		266.103(b)(2)(i) (D)					
		266.103(b)(2)(i) (E)					
except for facilities complying with Tier I or Adjusted Tier I feed rate screening limits provided by 266.106(b) or (e) and 266.107(b)(1) or (e), estimated uncontrolled emissions of particulate matter, each 266.106 metal, hydrogen chloride and chlorine, and following information to support determinations:	85,111	266.103(b)(2)(ii)					
feed rate of specified materials in each feedstream	85,94	266.103(b)(2)(ii) (A)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
estimated partitioning factor to combustion gas for 266.103(b)(2)(ii)(A) materials, basis for estimate, and estimate of partitioning to HCl and Cl <sub>2</sub> of total chloride and chlorine in feed materials; use best engineering judgment or 266, Appendix IX procedures	85,94	266.103(b)(2)(ii)(B)					
for industrial furnaces that recycle collected particulate matter and certify compliance with 266.103(c)(3)(ii)(A) metals emissions standards, estimated enrichment factor for each metal, using best engineering judgment or specified Appendix IX procedures	85	266.103(b)(2)(ii)(C)					
basis for best engineering judgment; 270.11(d) certification of determinations included in certification of precompliance	85,94	266.103(b)(2)(ii)(D)					
for facilities complying with Tier I or Adjusted Tier I feed rate screening limits, the feed rate of specified materials in each feed stream	85,111	266.103(b)(2)(iii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
for facilities complying with Tier II or III emission limits for metals or HCl or Cl <sub>2</sub> , estimated controlled emissions rates of particulate matter, each 266.106 metal, HCl and Cl <sub>2</sub> , and following information to support determinations:	85,94	266.103(b)(2)(iv)					
estimated air pollution control system (APCS) removal efficiency for specified materials	85	266.103(b)(2)(iv) (A)					
use best engineering judgment or 266, Appendix IX procedures	85	266.103(b)(2)(iv) (B)					
basis for best engineering judgment in conformance with 266.103(b)(2)(ii)(D)	85	266.103(b)(2)(iv) (C)					
determination of allowable emissions rates for specified materials and information to support such determinations to include:	85	266.103(b)(2)(v)					
for all facilities:	85	266.103(b)(2)(v) (A)					
		266.103(b)(2)(v) (A)(1)					
		266.103(b)(2)(v) (A)(2)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
		266.103(b)(2)(v) (A)(3)					
		266.103(b)(2)(v) (A)(4)					
	85,94	266.103(b)(2)(v) (A)(5)					
	85	266.103(b)(2)(v) (A)(6)					
		266.103(b)(2)(v) (A)(7)					
for owners or operators using Tier III site specific dispersion modeling to determine 266.106(d) or 266.107(c) allowable levels, or adjusted Tier I feed rate screening limits under 266.106(e) or 266.107(e):	85	266.103(b)(2)(v) (B)					
		266.103(b)(2)(v) (B)(1)					
		266.103(b)(2)(v) (B)(2)					
		266.103(b)(2)(v) (B)(3)					
		266.103(b)(2)(v) (B)(4)					
for facilities complying with Tier II or III emissions rate controls for metals or HCl and Cl <sub>2</sub> , comparison of 266.103(b)(2)(iv) estimated rates with 266.103(b)(2)(v) allowable rates	85,94	266.103(b)(2)(vi)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
for facilities complying with Tier I or adjusted Tier I feed rate screening limits for metals or total chloride and chlorine, comparison of actual feed rates determined under 266.103(b)(2)(iii) to Tier I allowable feed rates	85	266.103(b)(2)(vii)					
for industrial furnaces that feed hazardous waste for any purpose other than solely as an ingredient at any location other than product discharge end of device, documentation of 266.103(a)(5)(i)(A)-(C) compliance	85	266.103(b)(2)(viii)					
for industrial furnaces that recycle collected particulate matter back into the furnace and that will certify 266.103(c)(3)(ii)(A) metals emissions standards compliance, applicable particulate matter standard and precompliance limit on metal concentration	85	266.103(b)(2)(ix)					
		266.103(b)(2)(ix)(A)					
		266.103(b)(2)(ix)(B)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
establish limits on 266.103(b)(3)(i)-(v) parameters consistent with 266.103(b)(2) determinations and certify the facility will operate within the limits during interim status when there is hazardous waste in the unit until certain conditions are met	85	266.103(b)(3)					
feed rate of total hazardous waste and pumpable hazardous waste	85	266.103(b)(3)(i)					
feed rate of each metal in specified feedstreams	85,94	266.103(b)(3)(ii)					
	85	266.103(b)(3)(ii) (A)					
	85,111	266.103(b)(3)(ii) (B)					
	85	266.103(b)(3)(ii) (C)					
total feed rate of chlorine and chloride in total feedstreams	85	266.103(b)(3)(iii)					
total feed rate of ash in total feedstreams, except ash feed rate for cement kilns and light-weight aggregate kilns is not limited	85	266.103(b)(3)(iv)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
maximum production rate when producing normal product, unless complying with the Tier I or Adjusted Tier I feed rate screening limits for chlorine under 266.107(b)(1) or (e) and for all metals under 266.106(b) or (e), and uncontrolled particulate emissions do not exceed 266.105 standard	85,111	266.103(b)(3)(v)					
special operating requirements under 266, Appendix IX for furnaces that recycle collected particulate matter back into furnace and that certify compliance with metals emissions controls under 266.103(c)(3)(ii)(A)	85	266.103(b)(4)					
limits on 266.103(b)(3) parameters established and continuously monitoring under:	85	266.103(b)(5)(i)					
instantaneous limits	85,96	266.103(b)(5)(i)(A)					
10	85	266.103(b)(5)(i)(B)					
		266.103(b)(5)(i)(B)(1)					
	85,94	266.103(b)(5)(i)(B)(2)					
hourly rolling average basis as defined	85,94	266.103(b)(5)(i)(B)(2)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
feed rate limits for carcinogenic metals and lead established on either an hourly rolling average basis or on (up to) 24 hour rolling average basis; requirements for 2 to 24 hour average period:	85	266.103(b)(5)(ii)					
feed rate of each metal limited to ten times the allowable hourly rolling average basis feed rate	85	266.103(b)(5)(ii) (A)					
10  specifications the continuous monitor shall meet:	85	266.103(b)(5)(ii) (B)					
		266.103(b)(5)(ii) (B)(1)					
	85,94	266.103(b)(5)(ii) (B)(2)					
feed rate limits for metals, total chloride and chlorine, and ash established and monitored based on feedstream concentration and flow rate; flow rate continuously monitored as per 266.103(b)(5)(i) and (ii)	85	266.103(b)(5)(iii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
on or before August 21, 1991, owner or operator submits notice to major local newspaper and sends copy of notice to State and local government units; provide evidence of notice submittal for publication with certification of pre-compliance to Director; notice must bear specified title and include:	85,94	266.103(b)(6)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
	85	266.103(b)(6)(i)					
		266.103(b)(6)(ii)					
		266.103(b)(6)(iii)					
		266.103(b)(6)(iv)					
		266.103(b)(6)(v)					
		266.103(b)(6)(vi)					
		266.103(b)(6)(vii)					
	85,96	266.103(b)(6)(viii)					
		266.103(b)(6)(viii) (A)					
		266.103(b)(6)(viii) (B)					
information to include in public notice	85	266.103(b)(6)(ix)					
		266.103(b)(6)(x)					
when monitoring systems for 266.103(c)(1)(v)-(xiii) operating parameters are installed and operating in conformance with vendor or 266, Appendix IX specifications, continuous monitoring required and records maintained in operating record	85	266.103(b)(7)					
submittal of revised certification of pre- compliance under 266.103(b)(2)&(3) procedures	85	266.103(b)(8)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
266.103(b)(6) public notice requirements not applicable to recertifications	85	266.103(b)(8)(i)					
operation of facility within limits established for 266.103(b)(3) parameters until 266.103(b) revised certification or 266.103(c) certification of compliance is submitted	85	266.103(b)(8)(ii)					
language of signed statement that must be included with the certification of precompliance	85	266.103(b)(9)					
conduct emissions testing to document compliance with 266.104(b)-(e), 266.105-266.107 and 266.103(a)(5)(i)(D) emissions standards; submittal of certification of compliance on or before August 21, 1992	85,94	266.103(c)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
establish limits and all applicable emission standards on 266.103(c)(1)(i)-(xiii) parameters based on operations during compliance test or as otherwise specified and include with certification of compliance; device will be operated within these limits and applicable emission standards of 266.104(b)-(e), 266.105, 266.106, 266.107 and 266.103(a)(5)(i)(D) when hazardous waste is in the unit	85,94,96,111,114	266.103(c)(1)					
11 feed rate of total hazardous waste and pumpable hazardous waste	85	266.103(c)(1)(i)					
11	85	266.103(c)(1)(ii)					
	85,111	266.103(c)(1)(ii)(A)					
		266.103(c)(1)(ii)(A)(1)					
	111	266.103(c)(1)(ii)(A)(2)					
		266.103(c)(1)(ii)(B)					
	85,111,114	266.103(c)(1)(ii)(C)					
feed rate of each metal in specified feedstreams							

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
11 total feed rate of chlorine and chloride in total feedstreams; the operating limits for facilities that comply with Tier I or Adjusted Tier I feed rate screening limits	85,111,114	266.103(c)(1)(iii)					
11 total feed rate of ash in total feedstreams, except ash feed rate for cement kilns and light-weight aggregate kilns is not limited	85,94	266.103(c)(1)(iv)					
11 carbon monoxide concentration and, where required, hydrocarbon concentration in stack gas; CO and HC limits	85	266.103(c)(1)(v)					
11 maximum production rate when producing normal product, unless complying with Tier I or Adjusted Tier I feed rate screening limits for chlorine under 266.107(b)(1) or (e) and for all metals under 266.106(b) or (e), and uncontrolled particulate emissions do not exceed 266.105 standard	85,111,114	266.103(c)(1)(vi)					
11 maximum combustion chamber temperature with temperature measured where specified; exception	85,114	266.103(c)(1)(vii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
11 maximum flue gas temperature entering a particulate matter control device; exception	85,114	266.103(c)(1)(viii)					
11 limits for systems using wet scrubbers, including wet ionizing scrubbers; exception:	85,94	266.103(c)(1)(ix)					
	85	266.103(c)(1)(ix) (A)					
		266.103(c)(1)(ix) (B)					
		266.103(c)(1)(ix) (C)					
11 systems using venturi scrubbers, the minimum differential gas pressure across the venturi; exception	85	266.103(c)(1)(x)					
11 limits for systems using dry scrubbers; exception:	85,94, 114	266.103(c)(1)(xi)					
	85	266.103(c)(1)(xi) (A)					
	85,114	266.103(c)(1)(xi) (B)					
11 limits for systems using wet ionizing scrubbers or electrostatic precipitators; exception	85,94	266.103(c)(1)(xii)					
	85	266.103(c)(1)(xii) (A)					
		266.103(c)(1)(xii) (B)					
11 systems using fabric filters, the minimum pressure drop; exception	85	266.103(c)(1)(xiii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
at least 30 days prior to 266.103(c)(3) compliance testing, notify Director and submit required information:	85	266.103(c)(2)					
general facility information	85	266.103(c)(2)(i)					
		266.103(c)(2)(i) (A)					
		266.103(c)(2)(i) (B)					
		266.103(c)(2)(i) (C)					
		266.103(c)(2)(i) (D)					
specific information on each device to be tested	85	266.103(c)(2)(ii)					
		266.103(c)(2)(ii) (A)					
		266.103(c)(2)(ii) (B)					
		266.103(c)(2)(ii) (C)					
		266.103(c)(2)(ii) (D)					
		266.103(c)(2)(ii) (D)(1)					
		266.103(c)(2)(ii) (D)(2)					
		266.103(c)(2)(ii) (D)(3)					
		266.103(c)(2)(ii) (E)					
		266.103(c)(2)(ii) (F)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
information on testing planned, including complete copy of test protocol and QA/QC plan, and summary description for each test that provides specified information	85	266.103(c)(2)(iii)					
		266.103(c)(2)(iii) (A)					
		266.103(c)(2)(iii) (B)					
compliance testing under 266.103(b) and 266.103(c)(2) conditions; case-by-case approval to use compliance test data from one unit in lieu of testing a similar on-site unit; information required to support owner or operator request; approval based on 266.103(c) requirements	85,96	266.103(c)(3)(i)					
11 industrial furnaces that recycle collected particulate matter from air pollution control system must test to determine 266.106(c) or (d) metals standards compliance using one of the following procedures:	85	266.103(c)(3)(ii)					
11 266, Appendix IX testing requirements in "Alternative Method for Implementing Metals Controls"	85	266.103(c)(3)(ii) (A)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
11 stack emissions testing for 6 hrs/day while hazardous waste is burned during interim status; conditions for testing; analysis for metals content to assure 266.106(c) or (d) compliance; parameters for which operating limits must be established under 266.103(c)(3)	85	266.103(c)(3)(ii) (B)					
		266.103(c)(3)(ii) (B)(1)					
		266.103(c)(3)(ii) (B)(2)					
		266.103(c)(3)(ii) (B)(3)					
		266.103(c)(3)(ii) (B)(4)					
		266.103(c)(3)(ii) (B)(5)					
11 conduct compliance testing and establish limits on 266.103(c) (1) parameters after kiln system has been conditioned and has reached equilibrium with metals feed and metals emissions; conditions to be met during conditioning	85	266.103(c)(3)(ii) (C)					
11 if no simultaneous demonstration of 266.104-266.107 compliance during a set of test runs, operating conditions of additional test runs as close as possible to original operating conditions	85	266.103(c)(3)(iii) (A)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
11 facility to operate under compliance test conditions and reach steady-state operations before obtaining test data to demonstrate 266.104-266.107 emissions standards compliance or establishing operating parameter limits; specific industrial furnaces need not reach steady-state conditions prior to beginning metals compliance testing	85	266.103(c)(3)(iii) (B)					
11 compliance test data obtained during emissions sampling are used to establish operating parameter limits in the certification of compliance when parameter must be established as per 266.103(c)(1)	85	266.103(c)(3)(iii) (C)					
within 90 days of completing compliance testing, certification to Director of compliance with 266.104(b),(c)&(e), 266.105-266.107 and 266.103(a)(5)(i)(D) emissions standards; certification must include:	85	266.103(c)(4)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
general facility and testing information	85	266.103(c)(4)(i)					
		266.103(c)(4)(i) (A)					
		266.103(c)(4)(i) (B)					
	85,94	266.103(c)(4)(i) (C)					
	85	266.103(c)(4)(i) (D)					
		266.103(c)(4)(i) (E)					
		266.103(c)(4)(i) (F)					
		266.103(c)(4)(i) (G)					
		266.103(c)(4)(i) (H)					
		266.103(c)(4)(i)(I)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
	85	266.103(c)(4)(ii)					
		266.103(c)(4)(ii) (A)					
		266.103(c)(4)(ii) (B)					
		266.103(c)(4)(ii) (B)(1)					
		266.103(c)(4)(ii) (B)(2)					
		266.103(c)(4)(ii) (B)(3)					
		266.103(c)(4)(ii) (B)(4)					
	85,94	266.103(c)(4)(ii) (B)(5)					
		266.103(c)(4)(ii) (B)(6)					
		266.103(c)(4)(ii) (B)(7)					
		266.103(c)(4)(ii) (B)(8)					
		266.103(c)(4)(ii) (B)(9)					
specific information on each test	85						
comparison of actual emissions per test with emissions limits prescribed by 266.104(b),(c)&(e) and 266.105-266.107 and established in 266.103(b) certification of precompliance	85	266.103(c)(4)(iii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
determination of operating limits based on all valid runs for 266.103(c)(1) parameters using one of two procedures:	85	266.103(c)(4)(iv)					
instantaneous limits	85	266.103(c)(4)(iv) (A)					
hourly rolling average basis as defined	85	266.103(c)(4)(iv) (B)(1)					
		266.103(c)(4)(iv) (B)(1)(i)					
		266.103(c)(4)(iv) (B)(1)(ii)					
parameter operating limit based on compliance test data and specific average	85	266.103(c)(4)(iv) (B)(2)					
feed rate limits for carcinogenic metals and lead established on either an hourly rolling average basis or on (up to) 24 hour rolling average basis; requirements for 2 to 24 hour average period:	85	266.103(c)(4)(iv) (C)					
feed rate of each metal limited to ten times the allowable hourly rolling average basis feed rate	85	266.103(c)(4)(iv) (C)(1)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
specifications the continuous monitor shall meet	85	266.103(c)(4)(iv) (C)(2)					
		266.103(c)(4)(iv) (C)(2)(i)					
	85,94	266.103(c)(4)(iv) (C)(2)(ii)					
operating limit for feed rate of each metal established based on compliance test data as the specified average	85	266.103(c)(4)(iv) (C)(3)					
feed rate limits for metals, total chloride and chlorine, and ash established and monitored based on feedstream concentration and flow rate; flow rate continuously monitored as per 266.103(c)(4)(iv)(A)- (C)	85	266.103(c)(4)(iv) (D)					
language of statement to accompany the certification of compliance	85	266.103(c)(4)(v)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
if required to comply with 266.104(c) or 266.103(a)(5)(i)(D) HC controls, conditioned gas monitoring system may be used in conformance with 266, Appendix IX specifications, provided certification of compliance is submitted without 266.103(c)(7) time extension	85,111, 144	266.103(c)(5)					
special operating requirements for industrial furnaces that recycle collected particulate matter from air pollution control system:	85	266.103(c)(6)					
266, Appendix IX operating requirements in "Alternative Method to Implement the Metals Controls" if complying with 266.103(c)(3)(ii) (A)	85	266.103(c)(6)(i)					
operating requirements of 266.103(c)(3)(ii)(B) if complying with that paragraph	85	266.103(c)(6)(ii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
requirements if fail to submit complete certification of compliance for 266.104-266.107 emissions standards by August 21, 1992:	85	266.103(c)(7)(i)					
stop burning hazardous waste and begin 266.103(l) closure	85,94	266.103(c)(7)(i) (A)					
limit hazardous waste burning only for purposes of compliance testing (and pretesting to prepare for compliance testing) to a total period of 720 hours beginning August 21, 1992; submit notification to Director by August 21, 1992, stating operation under restricted interim status and intention to resume hazardous waste burning; submit complete certification of compliance by August 23, 1993	85,94	266.103(c)(7)(i) (B)					
obtain case-by-case time extension under 266.103(c)(7)(ii)	85	266.103(c)(7)(i) (C)					
condition under which a case-by-case time extension may be requested for any 266.103(c) time limit	85	266.103(c)(7)(ii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
in granting extension, Director may apply specified conditions	85	266.103(c)(7)(ii) (A)					
7 if time extension requested to enable facility to comply with alternative hydrocarbon provisions of 266.104(f) and to obtain RCRA permit because 266.104(c) HC limit cannot be met:	85,111	266.103(c)(7)(ii) (B)					
what Director shall consider:	85	266.103(c)(7)(ii) (B)(1)					
determine whether complete Part B permit application that includes 270.22(b) information has been submitted	85	266.103(c)(7)(ii) (B)(1)(i)					
consider whether good faith effort to certify compliance with all other emission controls has been made	85,94	266.103(c)(7)(ii) (B)(1)(ii)					
7 if extension granted, require facility to operate under 266.104(f)(1) baseline CO and HC flue gas concentration limits	85,94	266.103(c)(7)(ii) (B)(2)					
submit at any time a revised certification of compliance under specific procedures:	85	266.103(c)(8)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
prior to submittal, may not burn hazardous waste for more than 720 hours under operating conditions that exceed those in current certification of compliance; such burning conducted only to determine if 266.104-266.107 emissions standards can be met under revised conditions	85	266.103(c)(8)(i)					
at least 30 days prior to first burning under revised conditions, notify Director and submit specific information:	85	266.103(c)(8)(ii)					
EPA facility ID number, facility name, contact person, telephone number and address	85	266.103(c)(8)(ii) (A)					
operating conditions owner/operator is seeking to revise and description of changes that prompted need to revise	85	266.103(c)(8)(ii) (B)					
determination that under revised operating conditions, 266.104-266.107 standards unlikely to be exceeded; 266.103(b)(2) information for documentation	85	266.103(c)(8)(ii) (C)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
complete emissions testing protocol for pretesting and new compliance test, including schedule for 266.104-266.107 emission standards compliance; 30-day prior written notice if revision in compliance test date	85	266.103(c)(8)(ii)(D)					
conduct compliance test under revised operating conditions and submitted protocol to determine 266.104-266.107 emissions standards compliance	85	266.103(c)(8)(iii)					
submit revised certification of compliance under 266.103(c)(4)	85	266.103(c)(8)(iv)					
recertification of compliance within three years; if recertification under new operating conditions, 266.103(c)(8) compliance	85	266.103(d)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
if noncompliance with interim status compliance schedule, burning is to terminate on date deadline is missed, closure to begin under 266.103(l), and no resumption of burning except under 270.66 operating permit; criteria for compliance with 266.103(l), 266.112(d)(2) and 266.113 provisions	85,96	266.103(e)					
no hazardous waste as feed during start-up and shut-down unless device is operating within certification conditions	85	266.103(f)					
during 266.103(c)(3) compliance test and upon certification of compliance, automatic waste feed cutoff required; additional requirements include:	85	266.103(g)					
maintenance of minimum combustion chamber temperature while hazardous waste or residues remain in chamber to minimize emissions of organic compounds	85,94	266.103(g)(1)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
if compliance with combustion chamber temperature limit is based on hourly rolling average, minimum temperature during compliance test is averaged over all runs of the lowest hourly rolling average for each run	85	266.103(g)(1)(i)					
if compliance with combustion chamber temperature limit is based on instantaneous temperature measurement, minimum temperature during compliance test is time-weighted average during all test runs	85	266.103(g)(1)(ii)					
continued monitoring of operating parameters with limits during cutoff; no restart of hazardous waste feed until parameters comply with limits established in compliance certification	85	266.103(g)(2)					
requirements for controlling fugitive emissions	85	266.103(h)					
		266.103(h)(1)					
		266.103(h)(2)					
		266.103(h)(3)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
cease burning hazardous waste when changes in combustion properties, feed rates, feed stocks/fuels or design or operating conditions deviate from limits specified in compliance certification	85	266.103(i)					
owner or operator, while burning hazardous waste, must monitor and record:	85	266.103(j)(1)					
specified feed rates and composition of specified materials to ensure conformance with certification	85	266.103(j)(1)(i)					
CO, HC and oxygen on a continuous basis as specified; monitors installed, operated and maintained as per 266, Appendix IX methods	85	266.103(j)(1)(ii)					
sampling and analysis as requested by Director to verify compliance with 266.104-266.107 standards	85	266.103(j)(1)(iii)					
daily visual inspection of boiler or industrial furnace and associated equipment when they contain hazardous waste	85	266.103(j)(2)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
test automatic feed cutoff system and associated alarms at least once every 7 days when hazardous waste is burned unless specified conditions are demonstrated; operational testing at least once every 30 days	85	266.103(j)(3)					
monitoring and inspection data recorded and placed in operating log	85	266.103(j)(4)					
all 266.103-required information and data kept in facility operating record until closure of the boiler or industrial furnace unit	85,96	266.103(k)					
remove all hazardous waste and hazardous waste residues at closure and comply with 265.111-265.115	85	266.103(l)					

STANDARDS TO CONTROL ORGANIC EMISSIONS

except as 266.104(a)(3) provides, DRE of 99.99% required for all organic hazardous constituents; demonstration during trial burn for each POHC in permit for each waste feed; DRE equation	85,94	266.104(a)(1)					
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CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
POHC compliance with DRE requirements to be demonstrated in trial burn in conformance with 270.66 procedures; designation of POHCs for each waste feed by Director based on degree of difficulty of destruction and on waste feed concentrations considering analyses submitted with Part B; 261, Appendix VIII compounds unless demonstration of other compound is suitable indicator of DRE requirements	85	266.104(a)(2)					
DRE of 99.9999% for F020-F023, F026 or F027 as determined from 266.104(a)(1) equation; notification of intent to burn such wastes	85,94	266.104(a)(3)					
owners and operators of boilers operating under 266.110 requirements are exempt from DRE trial burn	85	266.104(a)(4)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owners and operators of boilers or industrial furnaces in compliance with 266.109(a) are exempt from DRE trial burn	85	266.104(a)(5)					
except as 266.104(c) provides, CO stack gas concentration cannot exceed 100 ppmv on an hourly rolling average basis, continuously corrected to 7% oxygen, dry gas basis	85	266.104(b)(1)					
continuous monitoring of CO and oxygen in conformance with 266, Appendix IX specifications	85,94	266.104(b)(2)					
demonstration of 100 ppmv CO compliance during trial burn or compliance test; highest hourly rolling average CO must not exceed 100 ppmv	85	266.104(b)(3)					
7 stack gas concentration of CO may exceed 100 ppmv if HC concentrations do not exceed 20 ppmv; exception under 266.104(f)	85	266.104(c)(1)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
HC limits established on hourly rolling average basis, reported as propane, continuously corrected to 7% oxygen, dry gas basis	85	266.104(c)(2)					
HC continuously monitored under 266, Appendix IX specifications; CO and oxygen continuously monitored under 266.104(b)(2)	85,94	266.104(c)(3)					
alternative CO standard based on trial burn data (new facility) and compliance test (interim status facility); definition and implementation	85	266.104(c)(4)					
industrial furnaces that feed hazardous waste for purpose other than solely as an ingredient at any location other than end where products are normally discharged and fuels are normally fired must comply with 266.104(c) or (f) hydrocarbon limits, irrespective of whether 266.104(b) standard is met	85	266.104(d)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
site-specific risk assessment for specific boilers and industrial furnaces to demonstrate that chlorinated dibenzo- <i>p</i> -dioxins and dibenzofurans emissions do not result in increased lifetime cancer risk exceeding 1 in 100,000 MEI; assessment requirements:	85	266.104(e)					
determine emission rates of certain tetraocta congeners during trial burn or compliance test using 266, Appendix IX Method 23	85,94	266.104(e)(1)					
estimate 2,3,7,8-TCDD toxicity equivalence of specified congeners using 266, Appendix IX procedures; formula for estimation of equivalent emission rate	85,94	266.104(e)(2)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
conduct dispersion modeling using recommended methods to predict maximum annual average off-site ground level concentrations of 2,3,7,8-TCDD equivalents; maximum annual average concentration used when a person resides on-site	85,125	266.104(e)(3)					
specified 2,3,7,8-TCDD ratio shall not exceed 1.0	85,94,96	266.104(e)(4)					
12 cement kilns may comply with CO and HC limits under 266.104(b)-(d) by monitoring in the by-pass duct provided:	85,144	266.104(f)					
12 fire hazardous waste only into the kiln	85,111,144	266.104(f)(1)					
12 by-pass duct diverts minimum of 10% of kiln off-gas into duct	85,144	266.104(f)(2)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
12 simultaneous demonstration of 266.104 compliance by emissions testing or during separate runs under identical operating conditions; data to demonstrate compliance with CO and HC limits or to establish alternative limits must be obtained during DRE testing, CDD/CDF testing and comprehensive organic emissions testing	85,144	266.104(g)					
12 compliance with permit operating requirements regarded as compliance with 266.104; if such compliance is insufficient, modification or revocation and reissuance of permit under 270.41	85,144	266.104(h)					
STANDARDS TO CONTROL PARTICULATE MATTER							
particulate matter emissions limited to 180 milligrams per dry standard cubic meter after specified correction using Part 60, Appendix A, Methods 1-5 and 266, Appendix IX procedures	85	266.105(a)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owner or operator meeting 266.109(b) requirements for low risk waste exemption is exempt from particulate matter standard	85	266.105(b)					
compliance with permit operating requirements regarded as compliance with 266.105; if such compliance is insufficient, modification or revocation and reissuance of permit under 270.41	85	266.105(c)					
STANDARDS TO CONTROL METALS EMISSIONS							
compliance with 266.106(b), (c), (d), (e), or (f) for each 266.106(b) metal that is detectable in waste using specified procedures	85,94	266.106(a)					
Tier I feed rate screening limits for metals specified in 266, Appendix I as a function of terrain-adjusted effective stack height and terrain and land use in facility vicinity; criteria for ineligible facilities in 266.107(b)(7)	85	266.106(b)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
feed rates of antimony, barium, lead, mercury, thallium and silver in all feedstreams shall not exceed 266, Appendix I screening limits	85	266.106(b)(1)					
what feed rate screening limits for antimony, barium, mercury, thallium, and silver are based on	85	266.106(b)(1)(i)					
		266.106(b)(1)(i)(A)					
		266.106(b)(1)(i)(B)					
what feed rate screening limit for lead is based on	85	266.106(b)(1)(ii)					
		266.106(b)(1)(ii)(A)					
		266.106(b)(1)(ii)(B)					
		266.106(b)(1)(ii)(C)					
feed rates of arsenic, cadmium, beryllium and chromium in all feedstreams shall not exceed values derived from 266, Appendix I screening limits; feed rate limit equation	85,94	266.106(b)(2)(i)					
what feed rate screening limits for carcinogenic metals are based on	85	266.106(b)(2)(ii)					
		266.106(b)(2)(ii)(A)					
	85,94	266.106(b)(2)(ii)(B)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
equation for terrain- adjusted effective stack height (TESH)	85	266.106(b)(3)(i)					
stack height may not exceed 40 CFR 51.100(ii) good engineering practice	85	266.106(b)(3)(ii)					
if TESH for a particular facility is not listed in table in appendices, nearest lower TESH to be used; if TESH $\leq$ 4 meters, a value of 4 meters shall be used	85	266.106(b)(3)(iii)					
screening limits function of noncomplex or complex terrain; criteria; use U.S. Geological Survey 7.5-minute topographic maps	85	266.106(b)(4)					
screening limits function of urban or rural land use; determination using 266, Appendices IX or X	85,94	266.106(b)(5)					
facilities with multiple stacks must comply with screening limits for all units assuming all hazardous waste is fed into device with worst-case stack; worst-case stack equation, with lowest K value the worst- case stack	85,94	266.106(b)(6)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
criteria under which Tier III standards or Adjusted Tier I feed rate screening limits apply instead of Tier I and Tier II screening limits	85,111	266.106(b)(7)					
		266.106(b)(7)(i)					
		266.106(b)(7)(ii)					
		266.106(b)(7)(iii)					
		266.106(b)(7)(iv)					
	85	266.106(b)(7)(v)					
monitor feed rate of metals in each feedstream to ensure screening limits are not exceeded	85	266.106(b)(8)					
Tier II emission rate screening limits function of stack height and terrain and land use in facility vicinity; ineligible facilities comply with 266.106(b)(7) criteria	85	266.106(c)					
emission rates of antimony, barium, lead, mercury, thallium and silver shall not exceed 266, Appendix I screening limits	85	266.106(c)(1)					
emission rates of arsenic, cadmium, beryllium and chromium shall not exceed values derived from 266, Appendix I screening limits; emission rate equation	85,94	266.106(c)(2)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
emission rate limits implemented by limiting individual metal feed rates to trial burn or compliance test levels; averaging periods; monitoring of metals feed rate in each feedstream to ensure compliance with 266.102 or 266.103 limits	85	266.106(c)(3)					
266.106(b) definitions and limitations for specified terms also apply to 266.106(c) Tier II emission rate screening limits	85	266.106(c)(4)					
facilities with multiple stacks must comply with emissions screening limits for any such stacks assuming all hazardous waste is fed into device with worst-case stack	85	266.106(c)(5)(i)					
worst-case stack determined by 266.106(b)(6) procedures	85	266.106(c)(5)(ii)					
for each metal, total emissions from those stacks shall not exceed worst-case stack screening limit	85	266.106(c)(5)(iii)					
facilities complying with either Tier III or Adjusted Tier I controls	111	266.106(d)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
13 conformance with Tier III metals control demonstrated by emissions testing; conformance with either Tier III or Adjusted Tier I metals controls demonstrated by air dispersion modeling; demonstration that acceptable ambient levels are not exceeded	85,111	266.106(d)(1)					
266, Appendices IV and V list acceptable ambient levels; RACs listed for noncarcinogenic metals and $10^{-5}$ RSDs listed for carcinogenic metals; RSD defined	85	266.106(d)(2)					
sum of the ratios of predicted ambient concentrations to risk-specific dose for all carcinogenic metals emitted shall not exceed 1.0; equation	85,94, 111	266.106(d)(3)					
for noncarcinogenic metals, predicted maximum annual average off-site ground level concentration shall not exceed the RAC	85	266.106(d)(4)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
owners/operators with multiple stacks must conduct emissions testing and dispersion modeling to demonstrate that aggregate emissions do not exceed acceptable ambient levels; exception for facilities complying with Adjusted Tier I controls	85,111	266.106(d)(5)					
under Tier III, feed rates limited to trial burn or compliance test levels; averaging periods same as under 266.106(b)(1) (i)-(ii) and (b)(2)(ii); monitor metals feed rate in each feedstream to ensure 266.102 or 266.103 compliance	85	266.106(d)(6)					
Adjusted Tier I feed rate screening limits to account for site-specific dispersion modeling; how to estimate adjusted feed rate; feed rate screening limits for carcinogenic metals implemented under 266.106(b)(2)	85,94	266.106(e)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
alternative implementation approaches approved by Director on a case- by-case basis for Tier II or III metals emission limits	85	266.106(f)(1)					
determination of 266.106(d) emissions limits for each noncarcinogenic and carcinogenic metal		266.106(f)(2)					
	85	266.106(f)(2)(i)					
	85,94	266.106(f)(2)(ii)					
	85	266.106(f)(2)(ii) (A)					
	85,94	266.106(f)(2)(ii) (B)					
use 266, Appendix IX Multiple Metals Train to conduct emissions testing	85	266.106(g)(1)					
chromium emissions assumed to be hexavalent chromium unless owner/ operator determines otherwise	85	266.106(g)(2)					
dispersion modeling conducted according to specified methods to predict maximum annual average off- site ground level concentration; on-site concentrations when person resides on- site	85,125	266.106(h)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
compliance with 266.102 permit operating requirements regarded as 266.106 compliance unless evidence indicates otherwise; modification or revocation and re-issuance of permit under 270.41	85	266.106(i)					

STANDARDS TO CONTROL HYDROGEN CHLORIDE (HCl) AND CHLORINE GAS (Cl<sub>2</sub>) EMISSIONS

compliance with HCl and Cl <sub>2</sub> controls under 266.107(b), (c) or (e)	85,94, 111	266.107(a)					
Tier I feed rate screening limits for total chlorine specified in 266, Appendix II as a function of stack height and terrain and land use in facility vicinity; feed rate of total chlorine and chloride in all feedstreams not to exceed specified levels	85	266.107(b)(1)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
Tier II emission rate screening limits for HCl and Cl <sub>2</sub> specified in 266, Appendix III as a function of terrain-adjusted effective stack height and terrain and land use in facility vicinity; stack emission rates not to exceed specified levels	85,94	266.107(b)(2)					
266.106(b) definitions and limitations for specified terms also apply to 266.107(b) screening limits	85,94	266.107(b)(3)					
facilities with multiple stacks subject to HCl or Cl <sub>2</sub> emissions controls must comply with Tier I and II screening limits assuming all hazardous waste is fed into device with worst-case stack	85	266.107(b)(4)					
worst-case stack determined by 266.106(b)(6) procedures	85	266.107(b)(4)(i)					
under Tier I, total feed rate of chlorine and chloride to all subject devices not to exceed worst-case stack screening limit	85	266.107(b)(4)(ii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
under Tier II, total HCl and Cl <sub>2</sub> emissions from all subject stacks not to exceed worst-case stack screening limit	85	266.107(b)(4)(iii)					
conformance with Tier III controls demonstrated by HCl and Cl <sub>2</sub> emissions testing, air dispersion modeling, and demonstration that acceptable ambient levels are not exceeded	85	266.107(c)(1)					
266, Appendix IV lists RACs for HCl and Cl <sub>2</sub>	85	266.107(c)(2)					
facilities with multiple stacks subject to HCl or Cl <sub>2</sub> emissions controls must conduct emissions testing and dispersion modeling to demonstrate that aggregate emissions do not exceed acceptable ambient levels for HCl and Cl <sub>2</sub>	85	266.107(c)(3)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
HCl and Cl <sub>2</sub> controls implemented by limiting feed rate of total chlorine and chloride in all feedstreams; feed rate under Tier I limited to Tier I screening limits; feed rate under Tiers II and III limited to trial burn or compliance test feed rates; feed rate limits based on:	85	266.107(d)					
	85,94	266.107(d)(1)					
		266.107(d)(2)					
adjusted Tier I feed rate screening limits to account for site-specific dispersion modeling; how to determine these adjusted rates	85	266.107(e)					
emissions testing for HCl and Cl <sub>2</sub> conducted using 266, Appendix IX procedures	85	266.107(f)					
dispersion modeling conducted according to 266.106(h) provisions	85	266.107(g)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
compliance with 266.102 permit operating requirements regarded as 266.107 compliance unless evidence indicates otherwise; modification or revocation and re- issuance of permit under 270.41	85	266.107(h)					
<b>SMALL QUANTITY ON-SITE BURNER EXEMPTION</b>							
owners and operators that burn hazardous waste in on-site boiler or industrial furnace exempt from 266 subpart H requirements provided:	85,94	266.108(a)					
quantity of hazardous waste burned for a calendar month does not exceed limits shown in table titled "Exempt Quantities for Small Quantity Burner Exemption" based on 266.106(b) (3) terrain-adjusted effective stack height; table	85,94	266.108(a)(1)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
maximum hazardous waste firing rate does not exceed 1% of total fuel requirements on a total heat input or mass input basis, whichever results in the lower mass feed rate of hazardous waste	85,96	266.108(a)(2)					
minimum heating value of 5,000 Btu/lb	85	266.108(a)(3)					
does not contain F020-F023, F026 or F027	85	266.108(a)(4)					
if mixed with non-hazardous waste, compliance with 266.108(a) quantity before mixing	85	266.108(b)					
equation for implementing 266.108(a)(1) quantity limits if burning in more than one exempt on-site boiler or industrial furnace	85,94, 111	266.108(c)					
one-time signed, written notification requirements for small quantity burner exemption	85	266.108(d)					
		266.108(d)(1)					
		266.108(d)(2)					
		266.108(d)(3)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
maintain for at least 3 years sufficient records documenting quantity firing rate and heating value limits compliance, including quantity burned per calendar month and heating value	85	266.108(e)					
LOW RISK WASTE EXEMPTION							
waiver of 266.104(a) DRE standard if device is operated in conformance with 266.109(a)(1) and burning will not result in unacceptable adverse health effects as per 266.109(a)(2) procedures	85	266.109(a)					
operating requirements for device	85	266.109(a)(1)					
	85,94,96	266.109(a)(1)(i)					
		266.109(a)(1)(ii)					
		266.109(a)(1)(iii)					
	85	266.109(a)(1)(iv)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
procedures to demonstrate that hazardous waste burning will not pose unacceptable adverse public health effects	85	266.109(a)(2)					
		266.109(a)(2)(i)					
		266.109(a)(2)(ii)					
		266.109(a)(2)(iii)					
		266.109(a)(2)(iii)(A)					
		266.109(a)(2)(iii)(B)					
	85,94	266.109(a)(2)(iv)					
		266.109(a)(2)(iv)(A)					
	85	266.109(a)(2)(iv)(B)					
		266.109(a)(2)(iv)(C)					
conditions under which the 266.105 particulate matter standard is waived	85	266.109(b)					
		266.109(b)(1)					
	85,94	266.109(b)(2)					
WAIVER OF DRE TRIAL BURN FOR BOILERS							
boilers operating under 266.110 requirements and that do not burn F020-F023, F026 or F027 considered in compliance with 266.104(a) DRE standard, and trial burn to demonstrate DRE is waived; when burning hazardous waste:	85	266.110					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
"primary fuel" defined; minimum of 50% primary fuel firing rate, determined on total heat or mass input basis, whichever results in the greater mass feed rate	85,96	266.110(a)					
boiler load defined and not less than 40%	85	266.110(b)					
minimum as-fired heating value of 8, 000 Btu/lb	85	266.110(c)					
conformance with 266.104(b)(1) carbon monoxide standard; boilers subject to 266.110 DRE waiver not eligible for 266.104(c) alternative carbon monoxide standard	85	266.110(d)					
boiler must be water- tube type that does not feed fuel using a stoker or stoker type mechanism	85	266.110(e)					
conditions under which hazardous waste shall be fired directly into primary fuel flame zone of combustion chamber with an air or steam, mechanical or rotary cup atomization system	85	266.110(f)					
		266.110(f)(1)					
		266.110(f)(2)					
	85,94	266.110(f)(3)					
	85	266.110(f)(4)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
STANDARDS FOR DIRECT TRANSFER							
266.111 regulations apply to boilers and industrial furnaces subject to 266.102 or 266.103 if direct transfer of hazardous waste from transport vehicle to boiler or industrial furnace without use of storage unit	85	266.111(a)					
for 266.111, terms have meanings given in 266.111(b)(1)	85	266.111(b)(1) intro					
"direct transfer equipment"	85	266.111(b)(1)					
"container"	85	266.111(b)(1)					
"tank systems" means direct transfer equipment when Subparts I and J of Parts 264 and 265 are referenced	85	266.111(b)(2)					
no direct transfer of pumpable hazardous waste from open-top container to boiler or industrial furnace	85	266.111(c)(1)					
direct transfer equipment requirements	85	266.111(c)(2)					
direct transfer of hazardous waste to boiler or industrial furnace conducted so that it does not result in any 266.111(c)(3) (i)-(vi) situation	85	266.111(c)(3)					
		266.111(c)(3)(i)					
		266.111(c)(3)(ii)					
		266.111(c)(3)(iii)					

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CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
		266.111(c)(3)(iv)					
		266.111(c)(3)(v)					
		266.111(c)(3)(vi)					
conditions under which hazardous waste shall not be placed in direct transfer equipment	85	266.111(c)(4)					
appropriate controls and practices to prevent spills and overflows from direct transfer equipment or its secondary containment system	85	266.111(c)(5)					
		266.111(c)(5)(i)					
		266.111(c)(5)(ii)					
applying 266.111(b) (1) definition of container, owners and operators must comply with:	85	266.111(d)					
264.175 containment requirements	85	266.111(d)(1)					
use and management requirements of Subpart I, Part 265 requirements, except 265.170 and 265.174; compliance with specified maintenance and protective distances in lieu of 265.176 requirements; written certification by local fire marshal to be kept on file	85,96	266.111(d)(2)					
264.178 closure requirements	85	266.111(d)(3)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
direct transfer equipment must meet following requirements:	85	266.111(e)					
secondary containment requirements for new and existing equipment	85	266.111(e)(1)					
		266.111(e)(1)(i)					
		266.111(e)(1)(ii)					
for existing direct transfer equipment without secondary containment, determination whether leaking or unfit for use; written assessment reviewed and certified by qualified, registered professional engineer in accordance with 270.11(d) by August 21, 1992	85	266.111(e)(2)(i)					
minimum considerations for assessment	85	266.111(e)(2)(ii)					
		266.111(e)(2)(ii) (A)					
		266.111(e)(2)(ii) (B)					
		266.111(e)(2)(ii) (C)					
		266.111(e)(2)(ii) (D)					
		266.111(e)(2)(ii) (E)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
if, due to 266.111(e) (2)(i)&(ii) assessment, direct transfer equipment found to be leaking or unfit for use, compliance with 265.196(a) and (b)	85	266.111(e)(2)(iii)					
inspection requirements at least once each operating hour when transferring hazardous waste from container to boiler or industrial furnace	85	266.111(e)(3)(i)					
		266.111(e)(3)(i) (A)					
		266.111(e)(3)(i) (B)					
		266.111(e)(3)(i) (C)					
inspect cathodic protection systems to ensure 265.195(b) compliance	85	266.111(e)(3)(ii)					
records of inspections maintained in operating record for at least 3 years	85	266.111(e)(3)(iii)					
265.192 compliance for design and installation of new ancillary equipment	85	266.111(e)(4)					
265.196 compliance for response to leaks or spills	85	266.111(e)(5)					
265.197 closure compliance, except 265.197(c)(2)-(4)	85	266.111(e)(6)					

**REGULATION OF RESIDUES**

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
residue derived from burning or processing of hazardous waste is not excluded under 261.4(b)(4), (7) or (8) unless device and owner or operator meet the following requirements:	85,94	266.112					
14  criteria the device must meet:	85	266.112(a)					
	85,96	266.112(a)(1)					
		266.112(a)(2)					
	85	266.112(a)(3)					
demonstration by owner or operator that hazardous waste does not significantly affect residue by demonstrating conformance with either of two criteria:	85	266.112(b)					
comparison of waste- derived residue with normal residue for 261, Appendix VIII constituents; procedures to be used	85	266.112(b)(1)					



CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
determination of concentrations of toxic constituents of concern in normal residue based on analyses of a minimum of 10 samples representing a minimum of 10 days of operation; determine compositing period not to exceed 24 hours; upper tolerance limit (at 95% confidence with a 95% proportion of the sample distribution) for the statistically-derived concentration; when to revise; how to determine the upper tolerance limit	85,96	266.112(b)(1)(i)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
14 sampling and analysis of waste-derived residue to determine whether residue generated during each 24-hour period has concentrations of toxic constituents higher than 266.112(b)(1)(i) normal residue concentrations; if so, residue not excluded from definition of hazardous waste; toxic constituent concentrations based on analysis of samples obtained over 24-hour period; for multiple samples, concentration of toxic constituent is arithmetic mean; no results may be disregarded	85,96	266.112(b)(1)(ii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
15 concentration of each nonmetal toxic constituent of concern in waste-derived residue must not exceed health-based limits specified in 266, Appendix VII or level detection using SW-846 analytical procedures; if no limit in Appendix VII, limit is 0.002 mg/kg or level of detection, whichever is higher; administrative stay for levels specified in appendix VII and default level of 0.002 micrograms/kg or level of detection as identified in Note 1; owner or operator must comply with alternative levels defined as land disposal restriction limits specified in § 268.43 for F039 nonwastewaters; compliance based on good-faith effort to detect constituents; demonstration of good-faith efforts; stay in effect until further administrative action is taken	85,111, †127	266.112(b)(2)(i)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
for metal constituents, in extract concentration obtained using 261.24 TCLP not to exceed 266, Appendix VII limits	85	266.112(b)(2)(ii)					
sampling and analysis of waste-derived residue to determine whether residue generated during each 24-hour period has concentrations of toxic constituents higher than health-based levels; determination of toxic concentrations based on analysis of one or more samples obtained over 24-hour period; for multiple samples, concentration of toxic constituent is arithmetic mean of concentrations in samples; no results may be disregarded	96	266.112(b)(2)(iii)					
records to document 266.112 compliance to be retained until closure of boiler or industrial furnace unit; information to be recorded	85,96	266.112(c)					
	85	266.112(c)(1)					
		266.112(c)(2)					
		266.112(c)(2)(i)					
		266.112(c)(2)(ii)					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
APPENDIX I TO PART 266							
TIER I AND TIER II FEED RATE AND EMISSIONS SCREENING LIMITS FOR METALS							
Tier I and Tier II Feed Rate and Emissions Screening Limits for Noncarcinogenic Metals for Facilities in Noncomplex Terrain (see the July 1, 1993 CFR)	85,94	Appendix I/Table I-A					
Tier I and Tier II Feed Rate and Emissions Screening Limits for Noncarcinogenic Metals for Facilities in Noncomplex Terrain (see the July 1, 1993 CFR)	85	Appendix I/Table I-B					
Tier I and Tier II Feed Rate and Emissions Screening Limits for Noncarcinogenic Metals for Facilities in Complex Terrain (see the July 1, 1993 CFR)	85	Appendix I/Table I-C					
Tier I and Tier II Feed Rate and Emissions Screening Limits for Carcinogenic Metals for Facilities in Noncomplex Terrain (see the July 1, 1993 CFR)	85,94	Appendix I/Table I-D					
Tier I and Tier II Feed Rate and Emissions Screening Limits for Carcinogenic Metals for Facilities in Complex Terrain (see the July 1, 1993 CFR)	85.94	Appendix I/Table I-E					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE

APPENDIX II TO PART 266

TIER I FEED RATE LIMITS FOR TOTAL CHLORINE AND CHLORIDE

Tier I Feed Rate Screening Limits for Chlorine for Facilities in Noncomplex and Complex Terrain (see the July 1, 1993 CFR)	85,94	Appendix II					
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APPENDIX III TO PART 266

TIER II EMISSION RATE SCREENING LIMITS FOR FREE CHLORINE AND HYDROGEN CHLORIDE

Tier II Emissions Screening Limits for Cl <sub>2</sub> and HCl in Noncomplex and Complex Terrain (see the July 1, 1993 CFR)	85,94	Appendix III					
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APPENDIX IV TO PART 266

REFERENCE AIR CONCENTRATIONS

Constituents, CAS Nos. and RAC (see the July 1, 1993 CFR)	85,94	Appendix IV					
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APPENDIX V TO PART 266

RISK SPECIFIC DOSES

constituents, CAS Nos., unit risks and RsDs (see the July 1, 1993 CFR)	85	Appendix V					
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APPENDIX VI TO PART 266

STACK PLUME RISE

flow rates and exhaust temperatures (see the July 1, 1993 CFR)	85	Appendix VI					
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CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE

APPENDIX VII TO PART 266

HEALTH-BASED LIMITS FOR EXCLUSION OF WASTE-DERIVED RESIDUES

Metals--TCLP Extract Concentration Limits (see the July 1, 1993 CFR)	85,94	Appendix VII					
Nonmetals--Residue Concentration Limits (see the July 1, 1993 CFR)	85,94	Appendix VII					
Notes 1 and 2	85,127	Appendix VII, notes					

15 16

APPENDIX VIII TO PART 266

POTENTIAL PICs FOR DETERMINATION OF EXCLUSION OF WASTE-DERIVED RESIDUES

PICs Found in Stack Effluents (see the July 1, 1993 CFR)	85,94	Appendix VIII					
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APPENDIX IX TO PART 266

METHODS MANUAL FOR COMPLIANCE WITH BIF REGULATIONS

Burning Hazardous Waste in Boilers and Industrial Furnaces (see the July 1, 1993 CFR)	85,94, 96,111, 114	Appendix IX					
Statistics (see the July 1, 1993 CFR)	85,94	Appendix A to Appendix IX					

APPENDIX X TO PART 266

17 GUIDELINE ON AIR QUALITY MODELS (REVISED)

Removed	85,94, 125	Appendix X					
Removed	85,94, 125	Appendix A to Appendix X					
Removed	85,94, 125	Appendix B to Appendix X					

CONSOLIDATED CHECKLIST C7:  
40 CFR Part 266 as of June 30, 1995 (cont'd)

FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	STATE ANALOG IS:			
				EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE R IN SCOPE
Removed	85,94, 125	Appendix C to Appendix X					

APPENDIX XI TO PART 266

LEAD-BEARING MATERIALS THAT MAY BE PROCESSED IN EXEMPT LEAD SMELTERS

lead-bearing materials that may be processed in exempt lead smelters, (see July 1, 1993, CFR)	96	Appendix XI					
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APPENDIX XII TO PART 266

NICKEL- OR CHROMIUM-BEARING MATERIALS THAT MAY BE PROCESSED IN EXEMPT NICKEL-CHROMIUM RECOVERY FURNACES

nickel or chromium-bearing materials that may be processed in exempt nickel-chromium recovery furnaces (see July 1, 1993, CFR)	96	Appendix XII					
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APPENDIX XIII TO PART 266

MERCURY BEARING WASTES THAT MAY BE PROCESSED IN EXEMPT MERCURY RECOVERY UNITS

mercury-bearing wastes that may be processed in exempt mercury recovery units	137	Appendix XIII					
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- <sup>1</sup> Revision Checklist 85 completely removed Subpart D and reserved this Subpart.
- <sup>2</sup> Revision Checklist 112 removed and reserved this subpart.
- <sup>3</sup> Due to a technical error on Revision Checklist 13 (50 FR 614; January 4, 1985), the text to 266.80 was incorrectly designated as 266.30. To correct this error, a technical amendment to this rule was published on August 20, 1985 (50 FR 33543) that correctly designated the text as 266.80; however, due to an error or misunderstanding in the General Printing Office (GPO), paragraphs (b)(3)&(4) were not printed in the July 1, 1986 CFR. This error remained in the CFR until 1992 when the GPO added these paragraphs in the July 1, 1992 CFR. Note that no



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Federal Register article was published to reinstate these paragraphs.

- 4 Revision Checklist 142 B changed the intro to 266.80(b). Due to an error or misunderstanding in the General Printing Office (GPO), paragraphs 266.80(b)(1)-(4) were not printed in the July 1, 1995 and July 1, 1996 CFRs. Revision Checklist 142 B did not remove 266.80(b)(1)-(4). They should still be in the Federal code.
- 5 Note that the coke ovens administrative stay issued by Revision Checklist 98 has been removed by Revision Checklist 105 (57 FR 27880; June 22, 1992).
- 6 These subparagraphs were inadvertently omitted from the July 1, 1995 CFR.
- 7 Revision Checklist 144 (June 29, 1995; 60 FR 33912) removed the alternative HC limit of the former 266.104(f) and redesignated the former 266.104(g), (h) and (i) as 266.104(f), (g) and (h), respectively. Although the preamble to this rule says that all references to the alternative HC limit were removed, no change to this portion of code was specified.
- 8 There seems to be an error in the Federal Register addressed by Revision Checklist 85. Federal code refers to "particulate matter standard in § 266.111(b)," but 266.111(b) addresses definitions of "direct transfer equipment" and "container," not particulate matter standards. It appears that the Federal code should likely reference 266.105(a) as it does contain a particulate matter standard.
- 9 Note that in the February 21, 1991 (56 FR 7134) rule addressed by Revision Checklist 85, the subparagraph designation was not italicized. This is a typographical error. The August 27, 1991 (56 FR 42504; Revision Checklist 96) technical correction fixes this error.
- 10 Note that in the Federal Register for Revision Checklist 85, the subparagraph designation was not italicized. This is a typographical error. The 56 FR 32688 (July 17, 1991; Revision Checklist 94) technical correction fixes this error.
- 11 Note that the July 1, 1992 CFR inadvertently omitted the text to 266.103(c)(1)(i)-(xiii) and 266.103(c)(3)(ii)-(iii)(C) from the Federal code. States should incorporate these paragraphs, as found in the Federal Register addressed by Revision Checklist 85 (56 FR 7134; February 21, 1991), and amended by Revision Checklist 94 (56 FR 32688; July 17, 1991).
- 12 Revision Checklist 144 (June 29, 1995; 60 FR 33912) removed the former 266.104(f) and redesignated the former 266.104(g), (h) and (i) as 266.104(f), (g) and (h), respectively.
- 13 Note that there is an error in the Federal Register for Revision Checklist 111 (57 FR 38558; August 25, 1992) for this rule. The phrase "dispersion modeling to predict the maximum annual average off-site ground level contamination for each" appears twice but should only occur once.
- 14 Note that Revision Checklist 96 replaced the old 266.112(a)(1) and 266.112(b)(1)(ii) introduced into the code by Revision Checklist 85.
- 15 Note that there is a typographical error in the Federal Register addressed by Revision Checklist 127 (58 FR 59598; November 9, 1993): "FO39" should be "F039" (i.e., should be a zero not an

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40 CFR Part 266 as of June 30, 1995 (cont'd)

upper case "O").

- <sup>16</sup> Revision Checklist 127 (58 FR 59598; November 9, 1993) redesignated the original "Note" which was introduced by Revision Checklist 85 (56 FR 7134; February 21, 1991) as "Note 1", and added "Note 2".
- <sup>17</sup> Appendix X to Part 266 was originally added to the Federal code by Revision Checklist 85 (56 FR 7134; February 21, 1991) and amended by Revision Checklist 94 (56 FR 32688; July 17, 1991). It was removed (including Appendix A-C of Appendix X) by Revision Checklist 125 (58 FR 38816; July 20, 1993).